€ TRAINING

CAD Quality Assurance, Productivity Improvement & New CAD Methodologies

11 - 15 November 2024
Paris (France)

CAD Quality Assurance, Productivity Improvement & New CAD Methodologies

REF: B823 DATE: 11 - 15 November 2024 Venue: Paris (France) - Fee: 6555 Euro

Introduction:

This program provides the CAD Operator and Engineer the essential understanding and tools for Quality Assurance, Productivity Improvement, and use of Tools. The program covers Work Methodologies, Tools, Accessories, and Customizations. The content of this program is not CAD software specific and applies for CAD Operators using AutoCAD, Microstation, or other Software.
Standardization, Accuracy-First-Tim. Tools and Procedures
For Operators, Checkers, Engineers, Supervisors
CAD usage is taught everywhere. Draftsmen and Engineers have been making Good Drawings. So where is the problem?
CAD drafting errors made need a lot of time to detect, correct, or redo- many of these errors are avoidable. Further productivity, accuracy, standardization strategic considerations are not taught anywhere else.

Course Objectives:

At the end of this course the participants will be able to:

 Relevant Knowhow and Technology Transfer to the Participants.
Multi-discipline understanding, skills, competencies, and step-by-step analytic understanding of the program topics and issues this understanding would otherwise have come from years of rich and diverse work experience.
Catch and learn from his own past/present/future job-related experience.
Identify, support, and implements improvements in his work area, team, section, department, or organization.

Targeted Audience:

For Operators, Checkers, Engineers, Supervisors. CAD usage is taught everywhere but Draftsmen and Engineers often have little understanding of Quality Assurance Methods available to productively produce Good Drawings.

Course Outlines:
Unit 1: Productivity Methods

- Minimize errors through Error Prevention
- Automate error checking
- Reducing Rework

Unit 2: Facilitating Group working - Maintaining Standardization

- Drawings
- Drawing Preparation Methods

Unit 3: Effectively Using the New CAD Tools

- Scanning for CAD Work
- Digitization of Paper Drawings
- Modeling

Unit 4: Methodology for Compatibility with Future Intelligent Systems 1

- Future CAD Upgrades
- Move from one CAD Software to Another
- Compatible with Electronic Document Management Systems

Unit 5: Methodology for Compatibility with Future Intelligent Systems 2

- Suitable for Serving as Base Drawings to put Intelligence into them
- Bill of Material Design Analysis
- GIS Type Applications